Information Processing Letters 29 (1988) 331–332
North-Holland

AUTHOR INDEX VOLUME 29 (1988)

(The issue number is given in front of the page numbers)

Arnold, A. and **P. Crubille,** A linear algorithm to solve fixed-point equations on transition systems (2) 57– 66
Arora, R.K. and **M.N. Gupta,** More comments on "Distributed termination detection algorithm for distributed computations" (*Letter to the Editor*) (1) 53– 55
Atkinson, M.D. and **N. Santoro,** A practical algorithm for Boolean matrix multiplication (1) 37– 38
d'Atri, A. and **M. Moscarini,** On hypergraph acyclicity and graph chordality (5) 271–274
Aykanat, C., *see* **Özgüner, F.** (5) 247–254

Blikle, A., A guided tour of the mathematics of MetaSoft'88 (2) 81– 86
Bodleander, H.L., The complexity of finding uniform emulations on fixed graphs (3) 137–141
Boom, H.J., Lazy variable-renumbering makes substitution cheap (5) 229–232
Bozapalidis, S. and **S. Ioulidis,** Varieties of formal series on trees and Eilenberg's theorem (4) 171–175
Burton, F.W., G.P. McKeown and **V.J. Rayward-Smith,** On process assignment in parallel computing (1) 31– 34

Cho, S. and **D.T. Huynh,** On a complexity hierarchy between L and NL (4) 177–182
Chrobak, M. and **R. Harter,** A note on random sampling (5) 255–256
Crubille, P., *see* **Arnold, A.** (2) 57– 66

De Luca, A., M. Pelagalli and **S. Varricchio,** Test sets for languages of infinite words (2) 91– 95
Dublish, P., An $O(n^3)$ algorithm for finding the minimal opaque forest of a convex polygon (5) 275–276

Gallo, G. and **M.G. Scutellà,** Polynomially solvable satisfiability problems (5) 221–227
Guessarian, I. and **L. Priese,** On the minimal number of $\times$ operators to model regularity in fair SCCS (6) 297–300
Gupta, M.N., *see* **Arora, R.K.** (1) 53– 55

Hagerup, T., On saving space in parallel computation (*Note*) (6) 327–329
Haldar, S. and **D.K. Subramanian,** Ring based termination detection algorithm for distributed computations (3) 149–153
Harter, R., *see* **Chrobak, M.** (5) 255–256
Hoffmann, F. and **K. Kriegel,** Embedding rectilinear graphs in linear time (2) 75– 79
Huang, S.-T., A fully distributed termination detection scheme (1) 13– 18
Huynh, D.T., *see* **Cho, S.** (4) 177–182

Ibarra, O.H., T. Jiang and **B. Ravikumar,** Some subclasses of context-free languages in NC^1 (3) 111–117
Imase, M., *see* **Waxman, B.M.** (6) 283–287
Ioulidis, S., *see* **Bozapalidis, S.** (4) 171–175

Jiang, T., *see* **Ibarra, O.H.** (3) 111–117

Kessels, J.L.W., An exercise in proving self-stabilization with a variant function (1) 39– 42
Kim, M.-H., *see* **Pramanik, S.** (4) 213–220
Kim, M., *see* **Park, C.I.** (4) 191–198
Korel, B. and **J. Laski,** Dynamic program slicing (3) 155–163
Kriegel, K., *see* **Hoffmann, F.** (2) 75– 79
Kruseman Aretz, F.E.J., On a recursive ascent parser (4) 201–206

Lamb, D.A., Benign side effects (6) 301–305
Laski, J., *see* **Korel, B.** (3) 155–163
Leiss, E.L., On the degree of dominator trees (4) 199–200
Louka, B. and **M. Tchuente,** Dynamic programming on two-dimensional systolic arrays (2) 97–104

Majster-Cederbaum, M.E., On the uniqueness of fixed points of endofunctors in a category of complete metric spaces (6) 277–281
Mäkinen, E., On linear search heuristics (1) 35– 36
McCune, W.W., Un-Skolemizing clause sets (5) 257–263
McKeown, G.P., *see* **Burton, F.W.** (1) 31– 34
Minoux, M., LTUR: A simplified linear-time unit resolution algorithm for Horn formulae and computer implementation (1) 1– 12
Mittal, H.B., A fast backtrack algorithm for graph isomorphism (2) 105–110
Morgan, C., Auxiliary variables in data refinement (6) 293–296
Moriya, T., Closure property of principal cones under substitution (6) 315–317
Moscarini, M., *see* **d'Atri, A.** (5) 271–274

Nakata, I., *see* **Sassa, M.** (1) 43– 51
Narendran, P. and **F. Otto,** Preperfectness is undecidable for Thue systems containing only

0020-0190/88/$3.50 © 1988, Elsevier Science Publishers B.V. (North-Holland)

length-reducing rules and a single commutation rule (3) 125–130
Nawrocki, J.R. and **A. Urbański,** Fixed-sized blocks optimization (4) 165–169

Olariu, S., On the unimodality of convex polygons (6) 289–292
Otto, F., *see* **Narendran, P.** (3) 125–130
Ouksel, M. and **P. Scheuermann,** Implicit data structures for linear hashing schemes (4) 183–189
Özgüner, F. and **C. Aykanat,** A reconfiguration algorithm for fault tolerance in a hypercube multiprocessor (5) 247–254

Park, C.I., K.H. Park and **M. Kim,** Efficient backward execution in AND/OR process model (4) 191–198
Park, K.H., *see* **Park, C.I.** (4) 191–198
Pelagalli, M., *see* **De Luca, A.** (2) 91– 95
Pramanik, S. and **M.H. Kim,** HCB_tree: A height compressed B_tree for parallel processing (4) 213–220
Priese, L., *see* **Guessarian, I.** (6) 297–300

Ramachandran, V., *see* **Shankar, N.** (6) 307–313
Raoult, J.-C., Proving open properties by induction (1) 19– 23
Ravikumar, B., *see* **O.H. Ibarra** (3) 111–117
Rayward-Smith, V.J., *see* **Burton, F.W.** (1) 31– 34
Reichling, M., On the detection of a common intersection of k convex objects in the plane (1) 25– 29
Rosolini, G., *see* **Schreiber, F.A.** (4) 207–211
Rytter, W., On efficient parallel computations of costs of paths on a grid graph (2) 71– 74

Santoro, N., *see* **Atkinson, M.D.** (1) 37– 38
Sassa, M. and **I. Nakata,** Time-optical short-circuit evaluation of Boolean expressions (1) 43– 51
Scheuermann, P., *see* **Ouksel, M.** (4) 183–189
Schorn, P., A canonical simplifier for trigonometric expressions in the kinematic equation (5) 241–246
Schreiber, F.A. and **G. Rosolini,** An algebraic description of some state-dependent failure mechanisms (4) 207–211
Scutellà, M.G., *see* **Gallo, G.** (5) 221–227
Shankar, N. and **V. Ramachandran,** Efficient parallel circuits and algorithms for division (6) 307–313
Shannon, G.E., A linear-processor algorithm for depth-first search in planar graphs (3) 119–123
Sharir, M., The shortest watchtower and related problems for polyhedral terrains (5) 265–270
Subramanian, D.K., *see* **Haldar, S.** (3) 149–153
Szalas, A., An incompleteness result in Process Algebra (2) 67– 70

Tchuente, M., *see* **Louka, B.** (2) 97–104

Unruh, E., *see* **Wätjen, D.** (2) 87– 89
Urbánski, A., *see* **Nawrocki, J.R.** (4) 165–169

Van den Broek, P.M., Confluence of indirection reductions in graph rewrite systems (3) 143–148
Varricchio, S., *see* **De Luca, A.** (2) 91– 95
Veroy, B.S., Optimal search algorithm, for a minimum of a discrete periodic bimodel function (5) 233–239
Veroy, B.S., Average complexity of divide-and-conquer algorithms (6) 319–326
Vossen, G., A new characterization of FD implication with an application to update anomalies (3) 131–135

Wätjen, D. and **E. Unruh,** On the degree of synchronization of klT0L and klET0L systems (2) 87– 89
Waxman, B.M. and **M. Imase,** Worst-case performance of Rayward-Smith's Steiner tree heuristic (6) 283–287